

11/22/10 (14)

**Christine Joyce**

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**From:** Janet K Adachi [jkajeg@msn.com]  
**Sent:** Thursday, November 11, 2010 6:54 PM  
**To:** Christine Joyce  
**Cc:** Lauren Rosenzweig Morton  
**Subject:** BOS Consent Agenda - Conservation Commission appointment

Hi, Christine,

Would you add to the consent agenda, for the 11/22 meeting, the appointment of Amy Green as Conservation Commissioner? Commission Chairman Terry Maitland, Natural Resources Director Tom Tidman and Commissioner Andy Magee--who has worked with her on projects--support her appointment.

I also met and talked with Ms. Green this morning during the Commission's walk of the Wetherbee Land forest (for which the Town must develop a forest management plan). Thanks.  
Janet

----- Original Message -----

**From:** Christine Joyce  
**To:** Janet Adachi  
**Sent:** Tuesday, November 09, 2010 12:40 PM  
**Subject:** FW:Cons com applicant for processing

-----Original Message-----

**From:** ATH-MGR-COPIER@acton-ma.gov [mailto:ATH-MGR-COPIER@acton-ma.gov]  
**Sent:** Tuesday, November 09, 2010 12:43 PM  
**To:** Christine Joyce  
**Subject:** Scan from a Xerox WorkCentre

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multifunction device Location: machine location not set  
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11/12/2010

11/9/10

Janet For  
your Action

The Volunteer Coordinating Committee met November 8, 2010 and interviewed Amy Green for an opening on the Conservation Committee. She is a certified Professional Wetland Scientist but does not do any consulting within the Town of Acton. She has lived in Acton for 16 years but has never attended Town Meeting nor attended any meetings of The Conservation Commission.

A motion was made and seconded to approve her application however we did have a reservation with her lack of participation in Town government.

Jean Lane, VCC

Amy M. Green  
26 Captain Brown's Lane  
Acton, MA 01720  
(978) 264-9169  
(978) 857-6764 cell

Sent to 4  
VCC -  
Regular Men  
10/4/10

September 28, 2010

Steven Ledoux  
Town Manager  
Acton Town Hall  
472 Main Street  
Acton, MA 01720

**RE: Conservation Commission Member Application**

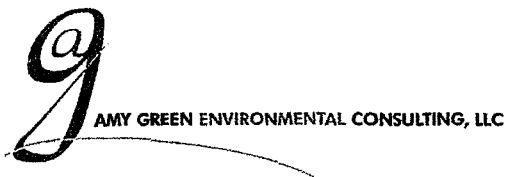
Dear Mr. Ledoux:

I noticed that the town currently has a vacancy for a full member on the Conservation Commission. I would like to be considered for the position, as I feel that I have a lot to offer. I have been in the wetland profession for over 25 years and I was on the Holliston Conservation Commission from approximately 1991 to 1993. I am an environmental consultant currently running my business in Acton, although I do no work for the town or for applicants in the town. The one exception to this is that I am currently offering pro bono services to the West Acton Boardwalk Committee. I am very familiar with the wetland regulations and procedures, and would like the opportunity to put this experience to work for the town.

Please let me know if I can provide you with any additional information and if this sounds like a good possibility.

Sincerely,

Amy M. Green





## VOLUNTEER Application

TOWN OF ACTON  
472 Main Street  
Acton, MA 01720

Telephone (978) 264-9612  
Fax (978) 264-9630  
EMAIL [manager@acton-ma.gov](mailto:manager@acton-ma.gov)

Residents interested in serving on a Town Board, Committee or Commission are requested to complete this form and send it to the Office of the Town Manager at Town Hall.

(Please print or type)

Title Mr. Mrs. <u>Ms.</u> Dr.	Email Address <u>amy@amy-green.com</u>	Date <u>9.28.10</u>
Last Name <u>GREEN</u>	First Name <u>Amy</u>	Middle <u>Maxwell</u>
Street Address <u>26 CAPTAN BROWN'S LN</u>	Home Phone <u>978-264 9169</u>	Business Phone <u>978-266-0217</u>

Please refer to Addendum A and indicate below, in order of preference, the Board, Committee or Commission that is of interest to you: Conservation Commission

Have you previously been a member of a Board, Committee or Commission (either in Acton or elsewhere)? If so, please list the Board name and your approximate dates of service: Yes; Holliston Conservation Commission 1/1991-1993

Do you have any time restrictions? N

Are you a U.S. Citizen? Y Are you a Documented Resident Alien of Acton? N How long have you lived in Acton? 16yrs In Massachusetts? >25yr

Present occupation and employer (Optional: Attach resume): Environmental Consultant

Resume attached - this is my professional resume so it is pretty lengthy

Do you or your employer have any current or potential business relationship with the Town of Acton that could create a conflict of interest? No

Education and special training: Degree = MS Certification = Professional Wetland Scientist

Please list below any additional information or comments that may help in the matching of your interests with the most appropriate Board/Committee, such as civic experience, special interests/hobbies, etc.:

I noticed that you have an opening for a full member of the Conservation Commission and I would like to volunteer for that position.

Thank you. If you have questions or would like more information, please contact the Town Manager's office at Town Hall, at (978)264-9612.

The space below is for use by the Managers office and or the Board of Selectmen and the appointing body to record the status of your application.

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<b>Interview</b>	<b>Appointing Body</b>
Applicant called _____	Selectmen/Manager/Moderator
Schedule Date & Time _____	Interview Date _____
Recommendations _____	Appointed Date _____
	Term _____
Board, Committee or Commission	
_____	Member/Alternate/Associate
_____	Member/Alternate/Associate
_____	Member/Alternate/Associate
_____	Member/Alternate/Associate
Recommendation Sent _____	Notification of Appointment
<input type="checkbox"/> No openings at this time.	Received _____
	Committee Notified _____
	Applicant Notified _____

## **Amy M. Green, PWS**

Amy Green Environmental Consulting, LLC  
26 Captain Brown's Lane  
Acton, MA 01720  
(978) 266-0217/(978) 266-0219 fax  
amy@amy-green.com

### **EDUCATION**

M.S., Botany and Wetland Ecology, University of Rhode Island, 1983  
B.S., Botany, University of Michigan, 1979  
SEA Semester, Sea Education Association, Woods Hole, Massachusetts

Professional Wetland Scientist #1587

### **EXPERIENCE**

Amy Green is a noted regulatory specialist with 20 years of experience in the environmental profession. As Principal of Amy Green Environmental Consulting, she serves as a liaison between private developers and public agencies, facilitating the environmental review process from site feasibility through final design and construction. Ms. Green's effectiveness reflects her understanding of the "big picture" – the myriad of inter-related issues that often arise on complex, large-scale projects. Her areas of expertise include wetlands delineation, natural resource evaluations, environmental permitting, mitigation design, and environmental impact analyses and reports. Ms. Green has provided these services for retail, hotel/resort, residential, office, and mixed-use developments, as well as public transportation projects, throughout the Northeast. She is a certified Professional Wetland Scientist.

**Peer Review, Lynnfield, Massachusetts.** Ms. Green has been providing peer review services to the Lynnfield Conservation Commission, primarily in the area of wetland delineations. Resource areas that have been reviewed include Bordering Vegetated Wetlands, Isolated Lands Subject to Flooding, Isolated Vegetated Wetland and intermittent streams.



**Peer Review, Leominster, Massachusetts.** Ms. Green provided peer review services to the Leominster Conservation Commission for the restoration and repair of a detention basins, whose slopes had failed. Ms. Green, in conjunction with Lisa Eggleston, PE, reviewed the project for compliance with the Stormwater Handbook and for potential impacts on the adjacent Nashua River.

**Haverhill Landfill Closure, Haverhill, Massachusetts.** Ms. Green provided support to CDM on wetland related services for the closure of the approximately 80 acre Haverhill Landfill, which occurs along the Merrimack River. Ms. Green delineated federal, state and local wetland resources on the site, including Bordering Vegetated Wetlands, Bank, Land Under Water, Isolated Lands Subject to Flooding, Bordering Land Subject to Flooding and Riverfront Area, as well as several locally-recognized resource areas. Distinct delineations were made between the federal, state and local jurisdictions. Documentation was developed to demonstrate that several on-site ditches and isolated areas were not jurisdictional. A Potential Vernal Pool was also explored. The freshwater tidal nature of the Merrimack River was described. An Abbreviated Notice of Resource Area Delineation (ANRAD) was completed and approved by the Haverhill Conservation Commission. A Wetland Functions and Values Assessment was completed, based on the U.S. Army Corps of Engineers *The Highway Methodology Workbook Supplement Wetland Functions and Values*. This assessment reviewed each wetland area in terms of eight functions and five values, based on numerous criteria related to characteristics including geology, soils, topography, ground and surface water supply, water quality, wildlife, watershed setting, land uses and human uses.

**Road Reconstruction, Route 85, Hudson, Massachusetts.** Ms. Green provided wetland delineation services for the reconstruction of approximately 1.5 miles of Route 85 in Hudson, Massachusetts. Issues included identification of potential areas of Isolated Lands Subject to Flooding and Potential Vernal Pools. Ms. Green researched recent filings along the corridor to obtain delineations in the area that had already been approved and coordinated with other consultants to obtain that information in order to reduce survey needs. Ms. Green also assisted the engineer in mitigation measures for impacts to a perennial stream from culvert and headwall replacement and minor roadway widening. A Wetland Delineation Report was prepared for inclusion in the Notice of Intent. This Report identified areas with varying jurisdiction by federal and state regulations.

**MassHighway Bridge Replacement Projects, Various Towns, Massachusetts.** Ms. Green has provided wetland related services for various bridge replacement projects including Canal Street in Lawrence, River Road in Northampton, Orange Road in Warwick, River Street in Fitchburg, Ashby West Road in Fitchburg and Saratoga Street over Belle Isle

Inlet in Winthrop and Boston. Projects included tasks such as identifying and delineating resource areas, preparing Wetland Delineation Reports, providing advice on impact avoidance and mitigation measures, and providing wetland replacement area monitoring. These projects have included identification of inland wetland resources (bordering and isolated wetlands and open water) and Ordinary High Water, as well as coastal resources.

**Blackstone River Bikeway Project, Worcester to Blackstone, Massachusetts.** Ms. Green supported Parsons for wetland delineations, jurisdictional determinations, permitting strategy, MEPA documentation, and permitting for the 27-mile proposed Bikeway. Efforts are expected to include requests for Variances under the Massachusetts Wetlands Protection Act in at least three of the towns through which the Bikeway will pass.

**Manchaug Water District, Notice of Intent, Sutton, Massachusetts.** Ms. Green delineated wetland resource areas and assisted in determination of impacts and design of mitigation measures for a new iron and manganese removal facility. Issues included overlapping state and local wetland regulations and requirement for a tree survey for all trees over 6-inch diameter breast height.

**Middlesex Canal Commission, Proposed Mill Pond and Canal Park, Billerica, Massachusetts.** Ms. Green is working with the Middlesex Canal Commission to determine a permitting strategy for Phase I of the proposed restoration of the historical Middlesex Canal. Key issues include the integrating of historic and wetland issues. Permits and approvals will include the Massachusetts Environmental Protection Act, the Massachusetts Wetlands Protection Act, Chapter 91 and Sections 401 and 404 of the federal Clean Water Act.

**New England Patriots, Environmental Review and Permitting, Gillette Stadium, Foxborough, Massachusetts.** Ms. Green managed the Massachusetts Environmental Policy Act (MEPA) review and environmental permitting process for the 68,000-seat Gillette Stadium. The project involved construction within state and federal wetlands and floodplains, as well as major highway and site infrastructure improvements, including more than 14,000 parking spaces. Ms. Green oversaw an accelerated Environmental Impact Report that advanced construction and enabled the Patriots to host their 2002 season opener at home. The project also included the "daylighting" of a 3,000-lf section of the Neponset River, creating a new 8-acre corridor.

Ms. Green is continuing her relationship with Patriots. She obtained wetland permits for the proposed Patriots Place Mixed Use Development, including off site roadway improvements



in three towns; provided strategy and permitting efforts for the restoration of a cranberry bog and creation of a boardwalk; and providing wetland permitting and MEPA services for additional development projects.

**Sam Park & Company, MEPA Compliance and Wetland Permitting, Gloucester Commons, Gloucester, Massachusetts.** Ms. Green managed the Massachusetts Environmental Policy Act (MEPA) process for the mixed use development which includes, retail, senior housing and a hotel component. A Phase I Waiver was obtained for the senior housing and a component of the retail. Ms. Green also managed the wetland permitting process, which included federal, state and local jurisdictional areas. Ms. Green obtained a Jurisdictional Determination from the U.S. Army Corps of Engineers that over 3 acres of isolated wetlands were not jurisdictional. A Notice of Intent was filed with and approved by the Gloucester Conservation Commission.

**Tyngsborough CWMP Draft Environmental Impact Report.** Ms. Green assisted EarthTech in evaluating alternatives for the proposed upgrades in Tyngsborough, Massachusetts. Her work included review of site conditions for the proposed sewer mains and pump station, with particular emphasis on wetlands, floodplains, endangered and threatened species, cultural resources and agricultural lands. Ms. Green prepared sections for the DEIR to be submitted to the Executive Office of Environmental Affairs.

**Stockbridge-Munsee Tribe, Environmental Permitting for a New Hotel and Casino, Thompson, New York.** Ms. Green is directing environmental documentation for the Tribe's proposed 584,000-sf casino and 750-room hotel complex. Her work includes managing the consultant team's traffic, remediation, water supply and wastewater analysis services, as well as extensive socio-economic, air quality, noise, endangered species, and historic and archaeological studies. Ms. Green has filed applications with the U.S. Army Corps of Engineers and the U.S. Environmental Protection Agency for the proposed filling of approximately 1.5 acres of wetlands. She is now finalizing the Environmental Impact Statement for the Bureau of Indian Affairs under NEPA.

**Maine Department of Transportation Route 9 Interchange, Wetland Creation Area Monitoring, Sabattus, Maine.** Ms. Green provided yearly monitoring of a 22 acre wetland creation site to meet U.S. Army Corps of Engineers permit requirements. Monitoring included recording vegetative data at 13 monitoring stations, determining status of specific tree and shrub plantings at each station, removing minor purple loosestrife plants, mapping other invasive species locations, and recording wildlife use of the site.

**Town of Hopkinton Road Improvements, Hopkinton, Massachusetts.** Provided annual monitoring of a wetland creation site in compliance with a Notice of Intent. Prepared monitoring report for the Town and recommended minor remedial action.

**Packard Development, Site Review, Massachusetts, Rhode Island and Connecticut.** Providing preliminary site review to determine potential constraints on multiple parcels. Review includes consideration of wetland, floodplain, rare species, vernal pool, historical and archaeological resources. Review include and overview of regulatory requirements which may be associated with the specific parcel.

**Expert Witness for the Office of the Massachusetts Attorney General.** Ms. Green has supported the Attorney General's litigation of several land taking cases. She prepared impact assessments and highest and best use analyses, and appeared as an expert witness in a trial to defend her analyses. Ms. Green analyzed the subject properties in order to determine the highest and best use of those properties in light of environmental features and regulatory requirements. Site constraints included the presence of wetlands, riverfront area, floodplains and Areas of Critical Environmental Concern. Primary regulatory constraints included Chapter 91 regulations and the Massachusetts Wetlands Protection Act.

**City of Cambridge, Massachusetts, Natural Resource Inventory and Stewardship Plan for the Fresh Pond Reservation.** Ms. Green directed the natural resource inventory and stewardship plan for the 375-acre Fresh Pond Reservation, one of metropolitan Boston's premiere open spaces. The goal of the plan was to protect and enhance the reservation's resources, many of which had been degraded by years of active and passive recreational use. Ms. Green led a comprehensive data collection effort, identifying and evaluating vegetation types, stream and pond shorelines, wildlife habitat, and natural and cultural notable features. The stewardship plan has successfully addressed these issues in Fresh Pond, providing short- and long-term management strategies for the entire reservation.

**Mohegan Tribe of Indians, Environmental Permitting for the Mohegan Sun Resort and Casino, Montville, Connecticut.** Ms. Green managed the Environmental Assessment for the construction of the 625,000-sf Mohegan Sun resort and gaming facility (Phase 1). She achieved compliance with the National Environmental Policy Act (NEPA) for the taking into trust of 240 acres, leading the investigation of topography, soils, geology, groundwater, surface water, vegetation, wetlands, wildlife, utilities, land use, aesthetics, and energy and water conservation issues. The project involved redevelopment and expansion of an existing 430,000-sf complex, as well as construction of a new interchange with Route 2A and



parking. Under Ms. Green's direction, the Environmental Assessment met all regulatory requirements and a tight project schedule. Her study concluded with a Finding of No Significant Impacts.

**Massachusetts Highway Department, Wetland Studies and Environmental Studies for the I-495 Interchange Project, Marlborough and Southborough, Massachusetts.** Ms. Green led wetland studies and environmental permitting for the I-495 Interchange Project in Marlborough and Southborough. Her work included confirmation of the wetland delineation and provision of new data forms; assessment of impacts, particularly with regard to wildlife habitat evaluations and water quality; and preparation of the following permits: Requests for Determination of Applicability for geotechnical studies, Notices of Intent for construction, and an individual Water Quality Certificate. Although a Variance from the MAWPA regulations was originally thought necessary, Ms. Green worked with project designers to create a minor realignment. This effort, in conjunction with micro-delineation of the wetlands, brought the project under the thresholds that would have required a Variance and delayed the project. Ms. Green also completed USACE permitting and oversaw design of wetland creation areas and stream relocation.

**Central Valley Hospital, Expert Testimony, Connecticut Environmental Policy Act, Middletown, Connecticut.** Ms. Green provided expert testimony with regard to the Connecticut Environmental Policy Act and its applicability to the consolidation of mental health facilities. Ms. Green's testimony addressed the timing of environmental documents, such as an Environmental Assessment, the interpretation of environmental classification documents, and the importance of phasing when determining a project scope.

**Massachusetts Bay Transportation Authority, Environmental Training.** Ms. Green provided training to 150 MBTA construction staff concerning wetland identification, regulation, and environmental protection standards. The two-hour course was held four times to allow for smaller groups. The training included review of what a wetland is under federal and state regulations, and what activities are regulated. This portion of the course used photographs of wetlands to explain in non-technical terms the range of conditions that may be defined as a wetland resource area in order to stress to the personnel that a "wetland" is not necessarily immediately recognizable. Regulations were presented in a simplified manner, and stressed what agencies were likely to show up at a construction site, what they would be concerned with, and what they would or would not want to see. The main portion of the training consisted of measures that could be taken on the site to control potential direct or indirect impacts and avoid fines and delays. Photographs from MBTA and other construction sites were used to illustrate various techniques and the right and wrong

way of implementing techniques. Various suggestions for reacting to critical events such as the release of sediments were provided.

**Massachusetts Turnpike Authority, Environmental Training.** As a Project Manager, Ms. Green assisted in a two-day environmental training session for MassPike staff. She provided training on Soil Erosion and Sediment Control Practices for Wetlands Protection. The need for erosion control, details, specifications, and installation requirements was reviewed. Specific MassPike construction sites were used as examples of appropriate use and installation of sediment barriers, temporary and permanent soil stabilization techniques, applications for check dams, and special cases such as stream diversions and dewatering. The emphasis was on providing the MassPike staff with practical suggestions for maintaining a construction site not only to protect wetlands and waterways, but to avoid project delays and fines and maintain favorable community relations.

**Massachusetts Turnpike Authority, On-Call Environmental Services Contract.** Ms. Green served as Project Manager for on-call environmental services including compliance with environmental regulations, wetland delineations, and jurisdictional determinations. She was responsible for Requests for Determination of Applicability and Notices of Intent, construction monitoring, and preparation of the Yearly Operational Plan for herbicide application.

**U.S. Postal Service, Natural Resource Inventory and Protection Plans, Northeastern United States.** Ms. Green prepared Natural Resource Inventory and Protection Plans for 53 facilities in Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island, and New York. These documents reviewed environmental and human resource issues ranging from natural features such as aquifers and wetlands to manmade resources such as historic properties and air quality and noise impacts. She reviewed each facility with regard to compliance with federal, state, and local environmental regulations and identified sensitive areas. She provided Best Management Practices to protect sensitive areas, including parking lot sweeping, catchbasin cleaning, and detention basin maintenance to protect surface water quality.

**Former South Weymouth Naval Air Station, Wetland Resource Delineation, Weymouth, Rockland and Abington, Massachusetts.** Ms. Green directed the Rizzo delineation of federal and state recognized wetland resources areas on the 1,450 acres site. A total of 60 linear miles of wetland boundaries were delineated and surveyed using GPS. Data sheets were completed for each wetland area. Abbreviated Notices of Resource Area Delineation were submitted to each town and the boundaries approved.

**City of Waltham, Environmental Permitting for I-95/Winter Street Interchange, Waltham, Massachusetts.** Ms. Green produced the Notice of Intent for this bridge replacement and interchange reconstruction project at one of the busiest interchanges on the I-95/Route 128 corridor west of Boston. The project involves final design and construction contract document preparation, environmental permitting, agency coordination, traffic analyses, and management of a project team assembled by the client. The final plans are being designed and presented in metric units in accordance with the Massachusetts Highway Department's metric requirements, construction standards, and specifications.

**Massachusetts Highway Department, Environmental Management Systems Audits and Program.** Rizzo Associates provided audit services for 136 Massachusetts Highway Department facilities throughout the Commonwealth. Ms. Green managed the natural resource component of this contract. Effects included identification at all the facilities of regulated resource areas (wetlands, floodplains, riverfront area, aquifers and endangered or threatened species). Areas of current or potential compliance issues were identified and recommendations made to maintain or achieve compliance. She provided support for personnel training and handbook preparation relative to the Environmental Management Systems program.

**Massachusetts Highway Department, Wetlands Replication and Environmental Permitting, Relocation of Route 57, Agawam and Southwick, Massachusetts.** Ms. Green managed wetlands replication and environmental permitting for the relocation of Route 57 in Agawam and Southwick. The project involves the design of 2.5 miles of four-lane divided highway, three major bridges, an animal passageway, noise barriers, and a diamond ramp. This project with an estimated construction cost of \$20 million, requires construction oversight services, as well as an extensive community participation effort. The wetlands impacts are among the largest proposed in the state, and the mitigation of these impacts is under close scrutiny at the federal, state, and local level.

**Marriott International, Inc., Environmental Notification Form, Hotel Complex, Danvers, Massachusetts.** Ms. Green managed the permitting of this project, including the preparation of the Notice of Intent and Environmental Notification Form for the construction of a 127-room hotel complex. This project included alternative analysis, traffic evaluation, construction mitigation, best management practices, and a comprehensive stormwater management plan. The approved project included work within the Riverfront Area and compliance with the Danvers Wetland Protection Bylaw.



**Massachusetts Water Resources Authority, Blue Hills Covered Storage EIR/Conceptual Design.** Ms. Green served as Technical Advisor in the preparation of an expanded Environmental Notification Form (ENF) and single Environmental Impact Report (EIR) reviewing the potential impacts of the 25-million-gallon storage system proposed in the existing Blue Hills Reservoir.

**Massachusetts Water Resources Authority, Southern Spine Rehabilitation.** Ms. Green managed the permitting associated with the Southern Spine Rehabilitation. The project included three contracts extending through the following Massachusetts municipalities: Boston, Milton, and Quincy. Tasks included wetland delineation and assessment, preparation of local, state and federal permit applications and attendance at public meetings.

**Massachusetts Water Resources Authority, Walnut Hill Water Treatment Plant, Permitting Services, Central Massachusetts.** Ms. Green managed the permitting associated with residual sewer and water supply pipeline in conjunction with approvals for the new plant. The project included 12 miles of sanitary sewer and 5,000 feet of water supply line. Ms. Green also managed wetland delineations and alternative impact analysis and mitigation and recommendations and boundary approval for the Walnut Hill site EIR.

**Metropolitan District Commission, Wastewater Facilities Plan, Permitting Services, West Boylston and Holden, Massachusetts.** In conjunction with Weston and Sampson, Ms. Green prepared a Draft and Final EIR for MDC's proposed installation of sanitary sewer in Holden and West Boylston to abate water pollution and protect the Wachusett Reservoir. She was responsible for environmental impacts and is currently managing permitting of multiple phases of installation.

**Massachusetts Highway Department, Brightman Street Bridge, Fall River, Massachusetts.** Ms. Green served as Senior Project Manager for environmental permitting for the relocation of the Brightman Street Bridge in Fall River and Somerset, Massachusetts. She was responsible for the environmental boring program in the Taunton River and at the proposed dredge disposal area. Ms. Green was also responsible for the evaluation of impacts to inland and tidal resources, as well as mitigation plans, permit applications, and agency coordination.

**Various State Transportation Agencies, Transportation Corridor Environmental Documentation, Maine, New Hampshire, Massachusetts, and New York.** Ms. Green has provided environmental documentation services for state transportation agencies in Maine, New Hampshire, Massachusetts and New York. These efforts include state and

federal wetland delineations, wetland function and values assessment, alternatives analyses, impact avoidance and minimization reviews, impact analyses, mitigation design, and construction oversight. Other efforts she directed included traffic, air, noise, historical, archaeological, and socio-economic studies.

**Corporate Property Investors, Environmental Permitting, Braintree, Massachusetts.** As Senior Project Manager, Ms. Green provided environmental permitting associated with construction of a 80,000-square-foot retail complex. Permits required included the U.S. Army Corps of Engineers Individual Permit, Major Water Quality Certificate, Order of Conditions under the Massachusetts Wetland Protection Act, and compliance with the Braintree Wetland Bylaw. Major issues included an alternatives analysis and an evaluation of the impacted wetlands, which were hydrologically isolated and created as a result of gravel extraction. Mitigation for the unavoidable loss of over one acre of wetlands included both wetland creation and use of wetland plantings in detention basins.

**U.S. Postal Service, NEPA Compliance, New England and New York.** Ms. Green served as Senior Project Manager for overall preparation of NEPA compliance documents at various sites. These documents were primarily environmental assessments and environmental assessment updates in support of USPS actions. Diverse issues were evaluated depending on the site, including natural resources, traffic, hazardous materials, drainage, air quality, noise, land use and socioeconomics.

**AT&T Communications, Environmental Permitting Services, Northeastern United States.** Ms. Green prepared and submitted local, state, and federal environmental permits for the installation of fiber optic cable networks along corridor routes in over 100 towns in Maine, Vermont, New Hampshire, Massachusetts, Connecticut, Rhode Island, and New York. These projects involved numerous appearances before local authorities, as well as meetings with state and federal agencies.

**Town of Westborough, Massachusetts, Environmental Feasibility Study, Water Purification Facility.** Ms. Green conducted an environmental feasibility study for the siting of a Water Purification Facility in Westborough, Massachusetts. She evaluated potential vegetation, wetland, floodplain, aesthetic, land use, lighting, and public safety impacts. She also provided an assessment of federal, state, and local permits required for various site plans at each site. This assessment included review of permit time frames, costs, and probability of obtaining final approvals.



**Massachusetts Highway Department, Route 9/Morses Pond Drainage Study.**

Ms. Green evaluated direct and indirect wetland impacts, prepared documents in compliance with the Massachusetts Environmental Policy Act, and coordinated review with federal, state, and local agencies. Primary wetland-related impact concerns include alterations to important area wetlands hydrologic characteristics. She evaluated existing and proposed drainage patterns to determine if these wetland alterations will occur.

**Close, Jensen and Miller, Wetland Impact Evaluation, Wethersfield, Connecticut.**

Ms. Green prepared a Wetland Impact Evaluation within 24-hour notice in response to a client's need to meet regulatory requirements prior to a public hearing. The wetland permit was granted. The project entailed dredging of the Connecticut River and Crow Point Cove in Wethersfield as well as establishing a 1.4-acre construction staging area in a floodplain forest to allow for the assembly of a truss bridge on a barge.

**Gutierrez Company, Wildlife Habitat Investigation, Burlington, Massachusetts.**

Ms. Green conducted detailed investigations of wildlife habitat on approximately eight acres to evaluate conformance with the Massachusetts Wetlands Protection Act Regulations and the Massachusetts Department of Environmental Protection Program Policies. Bordering vegetated wetlands, banks, land under water, and lands subject to flooding were evaluated. Plant species were ranked for their known value as wildlife habitat for providing food, cover, breeding, and/or nesting sites for birds, mammals, reptiles, amphibians, and fish. Project impacts were assessed, and mitigation measures proposed.

**U.S. Postal Service, Wildlife Habitat Evaluations, Waltham, Massachusetts.**

Ms. Green conducted wildlife habitat evaluations in accordance with the Massachusetts Wetlands Protection Act, including a detailed analysis of available habitat and wildlife uses.

**Massachusetts State Police, Wetland Restoration Services.** Ms. Green served as Project Manager for wetland restoration services following an emergency response to a release of contaminants in a forested wetland. Evaluation and restoration of approximately 15,000 square feet of wetland were required for the Notice of Intent, Section 401 Individual Water Quality Certificate, and Section 404 permit.

**Holyoke Conservation Commission, Massachusetts, Habitat Maintenance Plan.**

Ms. Green served as Project Manager for preparation of a Habitat Maintenance Plan to meet a requirement of the Order of Conditions issued by the Holyoke Conservation Commission for a hydroelectric facility on the Holyoke Canal System.



**300 Baker Avenue LLC, 300 Baker Avenue, Concord, Massachusetts.** Ms. Green provided wetland permitting services for the proposed office park expansion. Key issues included assessment of wildlife habitat in the 100-year flood plan, impact analysis to this habitat, and preparation of mitigation plans. Ms. Green was responsible for close coordination with the Conservation Commission and their consultant.

**Massachusetts Water Resources Authority, New Neponset Valley Relief Sewer Project, Environmental Studies, Milton, Massachusetts.** For the New Neponset Valley Relief Sewer Project, Ms. Green conducted initial wetland delineations and vegetative community-type mappings. She also conducted investigations to locate populations of Britton's Violet on the Burma Road in the Fowl Meadow area. Her work was used to identify wetland impact areas.

**Massachusetts Highway Department, Central Artery/Third Harbor Tunnel Project, Environmental Impact Statement, Boston, Massachusetts.** Ms. Green conducted detailed natural resource evaluations of the Central Artery/Tunnel alignments, roadway, and potential dredged and excavated material disposal sites as part of the EIS. This work involved detailed resource boundary delineations at the Millers and Charles Rivers, Fort Point Channel, and Spectacle Island using the Federal Wetland Delineation Manual and the U.S. Army Corps of Engineers, New England Division data forms. She prepared regulatory discussion of impacts and permit requirements for inclusion in the Supplementary Final EIS. She also conducted a detailed Aquatic Resources Functions and Values Analysis to evaluate several project alternatives to determine which one was the Least Environmentally Damaging Practicable Alternative. The two-volume report addressed both roadway, bridge, and tunnel alternatives, as well as potential materials disposal sites. Using U.S. Army Corps of Engineers and state evaluation criteria, the report evaluated a series of aquatic resource areas and determined functions each of the resources performed and their associated environmental value.

**Massachusetts Turnpike Authority, Draft Environmental Impact Report, Turnpike Widening, Weston and Hopkinton, Massachusetts.** As Assistant Project Manager, Ms. Green was responsible for the inventory of existing and proposed wetland conditions as part of the preparation of a draft environmental impact report (DEIR) for the widening of the Massachusetts Turnpike between Exits 9 and 14. The project was determined to be major and complicated by the Secretary of the Massachusetts Office of Environmental Affairs, and a Citizens Advisory Committee was established. She presented information to that group at monthly meetings as well as at several public forums. She documented impacts,

recommended widening alternatives, and located and designed wetland creation areas. She also coordinated efforts to mitigate potential impacts to three state-listed endangered plant species, including the pale green orchid (*Platanthera flava* var. *herbiola*).

**Skanska, Quail Ridge Residential Project, Environmental Permitting, Foxborough and Sharon, Massachusetts.** Ms. Green documented environmental impacts for the EIR and State Wetland Permits for the 600-acre Quail Ridge residential project in Massachusetts. She attended local conservation commission meetings to present information and answer questions relative to wetland resource impacts. These efforts included design of wetland and floodplain mitigation areas, as well as a planting plan to stabilize previously disturbed sand and gravel operation areas.

**Southeastern Massachusetts University, Environmental Permitting, Dartmouth, Massachusetts.** Ms. Green was Project Manager in charge of the EIR for the proposed new student residences at Southeastern Massachusetts University in Dartmouth, Massachusetts. Her responsibilities included the preparation and filing of permits to comply with the town's Aquifer Protection By-Law, Massachusetts Environmental Policy Act, Massachusetts Wetlands Protection Act, and U.S. Army Corps of Engineers Nationwide Permit. These efforts included coordination of engineering, traffic, and archaeological data, as well as addressing issues such as protection of a plant population considered significant by the Massachusetts Natural Heritage and Endangered Species Program. After completing an inventory of the site, site plan alternatives were recommended to reduce impacts to wetlands, archaeological resources, and the plant population of concern. These measures allowed for a waiver to be issued by MEPA stating that an EIR would not be required.

**Massachusetts Highway Department, Route 146 Improvement Project, Environmental Permitting, Worcester and Millbury, Massachusetts.** Ms. Green was responsible for environmental activities for the Route 146 Improvement Project in Worcester and Millbury, Massachusetts. Delineated project area wetlands, with particular emphasis on those associated with the Blackstone River. Conducted an extensive evaluation of wetlands using the updated FHWA Wetland Evaluation Technique (Operational and Draft). This evaluation included detailed explanations of why each wetland received the evaluations they did based on a review of physical, chemical, and biological parameters. Delineation of project area wetland boundaries was performed using the Intermediate Level method as described by the Federal Manual for Identifying and Delineating Jurisdictional Wetlands (1989) and as modified by the U.S. Army Corps of Engineers, New England Division.